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PTO/SB/17 (12-04v2)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
180.00

Complete if Known

Application Number	08/895,493
Filing Date	July 16, 1997
First Named Inventor	Makoto Saito
Examiner Name	Paula Klimach
Art Unit	2135
Attorney Docket No.	012.P11002C

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 50-3703 Deposit Account Name: Berkeley Law Group

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$)

- 20 or HP = x =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

- 3 or HP = x =

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

- 100 = / 50 = (round up to a whole number) x =

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): IDS fee

Fees Paid (\$)

180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 50,153	Telephone 503.439.6500
Name (Print/Type)	James J. Lynch	Date	March 15, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:)

Makoto Saito)

Application No.: 08/895,493)

Filed: 7/16/1997)

For: METHOD FOR CONTROLLING)
DATABASE COPYRIGHTS)

Art Unit: 2135

Examiner: Paula W. Klimach

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on:

March 15, 2007

Date of Mailing

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P.O. Box 1450
Alexandria, VA 22313-1460

Tamara Daw

Name of Person Mailing Correspondence

Signature

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97**

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO 1449), which is being submitted after the mailing of the First Office Action. It is respectfully requested that the cited document(s) be considered and that the enclosed copy of form PTO 1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to Applicant(s).

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

03/21/2007 CNGUYEN2 00000047 503703 08895493

01 FC:1806 180.00 DA

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. 1.97(c).
Please charge our deposit account no. 50-3703 for the fee set forth in §1.17(p). A fee transmittal
is enclosed for this purpose.

Respectfully submitted,

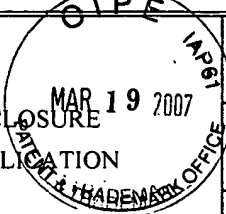
Attorney for Assignee

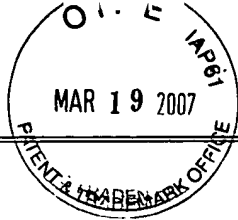
Dated: March 15, 2007

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FORM PTO-1449				DOCKET NUMBER 012.P11002C		APPLICATION NUMBER 08/895,493	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				APPLICANT(S) Makoto Saito			
		FILING DATE July 16, 1997		GROUP ART UNIT 2135			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
	11/556,992	11/6/2006	Saito				
	11/469,035	8/31/2006	Saito				
	11/512,885	8/29/2006	Saito				
	11/512,695	8/29/2006	Saito				
	7,093,295	8/15/2006	Saito				
	11/496,777	7/31/2006	Saito				
	11/491,400	7/20/2006	Saito				
	11/480,690	7/3/2006	Saito				
	11/446,604	6/1/2006	Saito				
	11/441,973	5/25/06	Saito				
	7,036,019	4/25/2006	Saito				
	11/404,124	4/12/2006	Saito				
	2005-0262023	11/24/2005	Saito				
	11/190,177	7/25/2005	Saito				
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	EP0709760B1	5/31/2006	Europe			X	
	EP0746126B1	12/22/2004	Europe			X	
OTHER DOCUMENTS							
	Memon, Nasir, et al., "Protecting Digital Media Content" Association for Computing Machinery, Communications of the ACM, New York, July 1998, vol. 41, issue 7, pgs. 35-43.						
	Murphy, Kathleen, "Digimarc Awarded Patent for Digital Watermarking" Business, March 10, 1998, www.internetnews.com/bus-news/article.php/19611 , 2 pgs.						
	Hedberg, S.R. "HP's International Cryptography Framework: Compromise or Threat?" IEEE Computer, January 1997, pgs. 28-30.						
EXAMINER			DATE CONSIDERED				



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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
	6,874,089	3/29/2005	Dick et al.				
	6,851,053	2/1/2005	Liles et al.				
	6,789,197	9/7/2004	Saito				
	6,744,894	6/1/2004	Saito				
	6,741,991	5/25/2004	Saito				
	6,721,887	4/13/2004	Saito				
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	2003-0144963	7/31/2003	Saito				
	6,560,339	5/6/2003	Iwamura				
	6,519,623	2/11/2003	Mancisidor				
	2003-0144963	1/16/2003	Saito				
	6,463,536	10/8/2002	Saito				
	6,449,717	9/10/2002	Saito				
FOREIGN PATENT DOCUMENTS							
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	EP0715241B1	1/14/2004	Europe			X	
	EP0704785B1	11/19/2003	Europe			X	
	EP0719045B1	10/29/2003	Europe			X	
OTHER DOCUMENTS							
	Zhang, N.X. "Secure Code Distribution" IEEE Computer, June 1997, pgs. 76-79.						
	Anonymous, "Security" Government Executive, National Journal, Inc. Washington, vol. 29, issue 1, January 1997, pgs. 35-37.						
	Wayner, P. "Digital Copyright Protection" AP Professional, 1997, pgs. 1-7 and 14-17.						
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	6,438,694	8/20/2002	Saito			
	2002-0122173	8/15/2002	Saito			
	6,424,715	7/23/2002	Saito			
	6,415,271	7/2/2002	Turk et al.			
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	10/170,677	6/13/2002	Saito			
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	09/985,279	11/2/2001	Saito			
	6,272,635	8/7/2001	Saito			
	6,226,618	5/1/2001	Downs et al.			
	6,209,092	3/27/2001	Linnartz			
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	EP0677949B1	5/28/2003	Europe			X
	WO9750036	12/31/1997	PCT			X
	EP0813133A2	12/17/1997	Europe			X
OTHER DOCUMENTS						
	Menezes, Alfred, et al., "Handbook of Applied Cryptography" 1997, sec. 11.5.1, CRC Press, pgs. 452-454.					
	Fitch, K. "User Authentication and Software Distribution on the Web", ausweb97@scu.edu.au 5 November 1996, pgs. 1-12.					
	Rubin, A.D., "Trusted Distribution of Software Over the Internet" Network and Distributed System Security, February 16-17, 1995, San Diego, California, pgs. 47-53.					
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,182,218	1/30/2001	Saito			
	6,160,891	12/12/2000	Al-Salqan			
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	09/665,902	9/20/2000	Saito			
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	6,044,367	3/28/2000	Wolff			
	6,026,430	2/15/2000	Butman et al.			
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	6,006,328	12/21/1999	Drake			
	6,002,772	12/14/1999	Saito			
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	EP0438154B1	7/16/1997	Europe			X
	EP0489385B1	3/19/1997	Europe			X
OTHER DOCUMENTS						
	Bryan, John "A look at five different firewall products and services you can install today" www.byte.com/art/9504/sec10/art6.htm , April 1995.					
	Rubin, A.D., "Secure Distribution of Electronic Documents in an Hostile Environment" Computer Communications, vol. 18, no. 6, June 1995, pgs. 429-434.					
	Bellovin, S.M. et al., "Network Firewalls" IEEE Communications Magazine, vol. 32, no. 9, October 1994, pgs. 50-57.					
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	5,986,690	11/16/1999	Hendricks				
	5,974,141	10/26/1999	Saito				
	09/362,955	7/30/1999	Saito				
	5,910,987	6/8/1999	Ginter et al.				
	5,901,339	5/4/1999	Saito				
	5,889,868	3/30/1999	Moskowitz				
	5,867,579	2/2/1999	Saito				
	5,864,683	1/26/1999	Boebert et al.				
	5,848,158	12/8/1998	Saito				
	5,848,155	12/8/1998	Cox				
	5,841,886	11/24/1998	Rhoads				
	5,835,765	11/10/1998	Matsumoto				
	5,835,601	11/10/1998	Shimbo et al.				
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	EP0506435B1	10/23/1996	Europe			X	
	WO9627259	9/6/1996	PCT			X	
	EP0450841B1	8/21/1996	Europe			X	
OTHER DOCUMENTS							
	Rozenblit, M. "Secure Software Distribution" IEEE Network Operations and Management Symposium, vol. 2, February 14-18, 1994, pgs. 486-496.						
	Van Schyndel, R.G., et al., "A Digital Watermark" IEEE, Australia, 1994, pgs. 86-90.						
	Medvinsky, Gennady et al., "NetCash: A design for practical electronic currency on the Internet" University of Southern California Information Science Institute, November 1993, pgs. 2-7.						
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	5,832,083	11/3/1998	Iwayama et al.			
	5,825,892	10/20/1998	Braudaway			
	5,818,933	10/6/1998	Kambe et al.			
	5,812,762	9/22/1998	Kim			
	5,794,115	8/11/1998	Saito			
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	5,745,572	4/28/1998	Press			
	5,740,246	4/14/1998	Saito			
	5,715,393	2/3/1998	Naugle			

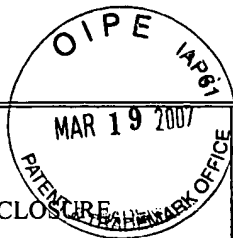
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	WO9623257	8/1/1996	PCT			X	
	JP8185448	7/16/1996	Japan			X	
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	Lennil, P. "The IBM Microkernel Technology," OS/2 Developer, vol. 5, Nov. 1, 1993 (pp. 70-72, 74) XP000672962.
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	Vigarie, J. "A Device for Real-Time Modification of . . ." 18 th International Television Symposium and Technical Exhibition, Montreaux, Switzerland, June 10-15, 1993, pgs. 761-768.

EXAMINER	DATE CONSIDERED
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FORM PTO-1449

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012.P11002CAPPLICATION NUMBER
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Makoto SaitoFILING DATE
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	5,706,210	1/6/1998	Kumano et al.			
	5,689,587	11/18/1997	Bender			
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	5,666,411	9/9/1997	McCarty			
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	5,646,997	7/8/1997	Barton			
	5,642,418	6/24/1997	Farris et al.			
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	08/846,661	5/1/1997	Saito			
	5,606,609	2/25/1997	Houser et al.			

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	WO9613113	5/2/1996	PCT			X	
	EP0354774B1	4/10/1996	Europe			X	
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	Neuman, Clifford B., "Proxy-Based Authorization and Accounting for Distributed Systems, Proceedings of the 13 th International Conference on Distributed Computing Systems, May 1993, pgs. 283-291.
	Harn, Lein, et al., "Software Authentication System for Information Integrity" Computers & Security International Journal Devoted to the Study of Technical and Financial Aspects of Computer Security, vol. II, Dec. 1, 1992, pp. 747-752, XP000332279.
	Masuoka, Fujio, 'Progressing Flash Memories" Kogyo Chosa-kai Co., Chapter 1: Semiconductor Memory, pgs. 34-68.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,604,800	2/18/1997	Johnson et al.			
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	5,577,121	11/19/1996	Davis et al.			
	08/733,504	10/18/1996	Saito			
	5,553,145	9/3/1996	Micali			
	5,515,538	5/7/1996	Kleiman			
	5,515,441	5/7/1996	Faucher			
	5,511,121	4/23/1996	Yacobi			
	5,509,074	4/16/1996	Choudhury et al.			
	5,504,933	4/2/1996	Saito			
	5,504,817	4/2/1996	Shamir			
	5,499,340	3/12/1996	Barritz			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	EP0430734B1	9/27/1995	Europe			X
	EP0665486	8/2/1995	Europe			X
	WO 9520291	7/27/1995	PCT			X
OTHER DOCUMENTS						
	Tatsuaki Okamoto, "Universal Electronic Cash", Technical Report of Institute of Electronics, Information and Communication Engineers (IEICE) July 15, 1991, Vol. 91, No. 127, Pages 39-47.					
	Komatsu, Naohisa, et al., "A Proposal on Digital Watermark in Document Image Communication and its Application to Realizing a Signature" Electronics & Communications in Japan Part I - Communications, vol. 73, no. 5, part I, May 1, 1990, pgs. 22-33.					
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FORM PTO-1449



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	5,497,420	3/5/1996	Garneau et al.			
	5,479,514	12/26/1995	Klonowski			
	5,475,758	12/12/1995	Kikuchi			
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	5,455,941	10/3/1995	Okuno et al.			
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	5,453,601	9/26/1995	Rosen			
	5,450,493	9/12/1995	Maher			
	5,444,782	8/22/1995	Adams, Jr. et al.			
	5,442,706	8/15/1995	Kung			
	5,438,508	8/1/1995	Wyman			

FOREIGN PATENT DOCUMENTS

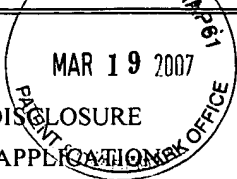
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	EP0421808B1	12/28/1994	Europe			X	
	JP6318036	11/15/1994	Japan			X	
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	Matsumoto, Tsutomu et al., "Cryptographic Key Sharing" Technical Report of Institute of Electronics, Information and Communication Engineers (IEICE), March 27, 1990, vol. 89, no. 482, pgs. 33-47.
	Morizaki, H., "Introduction to Electronic Devices" Gijutsu Hyoron Publishing Co., 1989, pgs. 260-266.
	Grampp, F.T. et al., "Unix Operating System Security" AT&T Bell Laboratories Technical Journal, vol. 63, no. 8, October 1984, New York, pgs. 1649-1672.

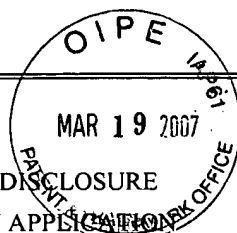
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	5,428,685	6/27/1995	Kadooka				
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	5,414,772	5/9/1995	Naccache et al.				
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	5,369,702	11/29/1994	Shanton				
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	5,347,581	9/13/1994	Naccache et al.				
	5,341,425	8/23/1994	Wasilewski et al.				
	5,323,464	6/21/1994	Elander et al.				
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	5,315,657	5/24/1994	Abadi et al.				
	5,291,598	3/1/1994	Grundy				
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	JP6269959	9/27/1994	Japan			X	
	JP6264199	9/20/1994	Japan			X	
	JP6264201	9/20/1994	Japan			X	
	JP6242304	9/2/1994	Japan			X	
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	Adachi, R., "Introduction to handcraft of Personal Computer" Natsume Publishing Co., 1983, pgs. 141-155.						
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Makoto Saito

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GROUP ART UNIT
2135

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	5,247,575	9/21/1993	Sprague et al.			
	5,227,893	7/13/1993	Ett			
	5,220,604	6/15/1993	Gasser et al.			
	5,204,961	4/20/1993	Barlow			
	5,173,939	12/22/1992	Abadi et al.			
	5,146,497	9/8/1992	Bright			
	5,144,663	9/1/1992	Kudelski et al.			
	5,142,579	8/25/1992	Anderson			
	5,126,566	6/30/1992	Shimada			
	5,091,938	2/25/1992	Thompson et al.			
	5,083,309	1/21/1992	Beysson			
	5,060,262	10/22/1991	Bevins, Jr. et al.			
	5,046,093	9/3/1991	Wachob			

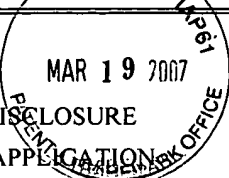
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	JP6236147	8/23/1994	Japan			X	
	JP6231536	8/19/1994	Japan			X	
	JP6131806	5/13/1994	Japan			X	
	JP6095591	4/8/1994	Japan			X	
	JP5334324	12/17/1993	Japan			X	

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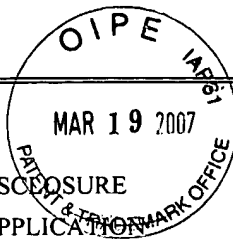
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				FILING DATE July 16, 1997		GROUP ART UNIT 2135	
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	5,036,461	7/30/1991	Elliott et al.				
	5,029,207	7/2/1991	Gammie				
	4,995,080	2/19/1991	Bestler et al.				
	4,977,594	12/11/1990	Shear				
	4,919,545	4/24/1990	Yu				
	4,916,737	4/10/1990	Chomet et al.				
	Re 33,189	3/27/1990	Lee et al.				
	4,905,277	2/27/1990	Nakamura				
	4,890,321	12/26/1989	Seth-Smith et al.				
	4,890,319	12/26/1989	Seth-Smith et al.				
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	JP5327693	12/10/1993	Japan			X	
	JP5324936	12/10/1993	Japan			X	
	JP5316102	11/26/1993	Japan			X	
	JP 05-298373	11/12/1993	Japan			X	
	JP5276476	10/22/1993	Japan			X	
	EP 0551016	7/14/1993	Europe			X	
	JP 05-122701	5/18/1993	Japan			X	
	WO9307715	4/15/1993	PCT			X	
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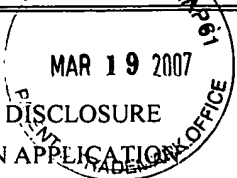
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	4,864,615	9/5/1989	Bennett et al.			
	4,864,614	9/5/1989	Crowther			
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	4,862,268	8/29/1989	Campbell et al.			
	4,852,154	7/25/1989	Lewis et al.			
	4,829,569	5/9/1989	Seth-Smith et al.			
	4,799,156	1/17/1989	Shavit et al.			
	4,791,565	12/13/1988	Dunham			
	4,759,062	7/19/1988	Traub et al.			
	4,757,534	7/12/1988	Matyas et al.			
	4,751,732	6/14/1988	Kamitake			
	4,736,422	4/5/1988	Mason			
	4,710,955	12/1/1987	Kauffman			
	4,709,266	11/24/1987	Hanas et al.			
	4,623,918	11/18/1986	Chomet			

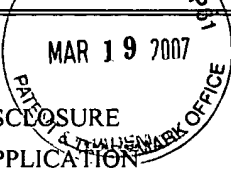
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	JP5075597	3/26/1993	Japan			X	
	EP0532381	3/17/1993	Europe			X	
	JP5063142	3/12/1993	Japan			X	
	JP5056037	3/5/1993	Japan			X	

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	4,613,901	9/23/1986	Gilhousen et al				
	4,567,512	1/28/1986	Abraham				
	4,558,176	12/10/1985	Arnold et al.				
	4,527,195	7/2/1985	Cheung				
	4,465,901	8/14/1984	Best				
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	4,352,952	10/5/1982	Boone et al.				
	4,278,837	7/14/1981	Best				
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	4,225,884	9/30/1980	Block et al.				
	4,168,396	9/18/1979	Best				
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	EP0191162B1	2/3/1993	Europe			X	
	EP 0 518 365A2	12/16/1992	Europe			X	
	EP0542298A3	11/13/1992	Europe			X	
	JP4268844	9/24/1992	Japan			X	
	JP4181282	6/29/1992	Japan			X	
	JP 03-282989	12/13/1991	Japan			X	
	EP0459046	12/4/1991	Europe			X	
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	JP3265241	11/26/1991	Japan			X	
	JP3128541	5/31/1991	Japan			X	
	GB2231244	11/7/1990	United Kingdom			X	
	EP0391261A3	3/29/1990	Europe			X	
	WO 9002382	3/8/1990	PCT			X	
	EP0341801	11/15/1989	Europe			X	
	WO8909528	10/5/1989	PCT			X	
	JP64-061782	8/3/1989	Japan			X	
	JP64-041387	2/13/1989	Japan			X	
	DE3717261	11/19/1987	Germany			X	
	JP 62-169540	7/25/1987	Japan			X	
	EP0199410	10/29/1986	Europe			X	
	WO8503830	8/29/1985	PCT			X	
	JP60102038	6/6/1985	Japan			X	
	EP0121853	10/17/1984	Europe			X	
	JP59169000	9/22/1984	Japan			X	
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